

**A NOVEL GENE *OSISAPI* OF RICE CONFERS TOLERANCE
TO STRESSES AND A METHOD THEREOF**

ABSTRACT OF THE DISCLOSURE

The present invention relates to identification, isolation, characterization and use of a novel gene *OSISAPI* obtained from rice and its corresponding novel protein sequence; also relates to a method of over-expressing the novel gene *OSISAPI* encoding a zinc-finger stress associated protein from rice conferring salt, cold and drought stress tolerance in transgenic plant systems, further this invention also relates to transgenic plants, plant tissues and plant seeds having a genome containing the novel gene *OSISAPI* and a method of producing such plants and plant seeds.